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Abstract of the Disclosure

An information processing apparatus extracts a plurality of strokes from a multilevel image, and generates a stroke binary image. Next, the image processing apparatus extracts feature amounts indicating the thickness and the smoothed graylevel of a stroke in a neighboring region of a target pixel by using each pixel belonging to each of the strokes as the target pixel. Then, the apparatus generates a target stroke binary image from the stroke binary image based on the distribution of the extracted feature amounts.